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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following document(s), in re Application No. 09/173,864, is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Claims 60-63 for discussion in a 3:00 p.m. (EST) conference call

Note: The attached information will be used during our 3:00 p.m. (EST) conference call.

Number of pages being transmitted, including this page: 3

Dated: April 25, 2002

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S.N. 09/173,864
DRAFT CLAIMS FOR DISCUSSION

1. A transgenic chicken having a transgene in the genetic material of its germ-line tissue, wherein the transgene is a replication-defective viral vector comprising an exogenous nucleic acid sequence encoding a protein selected from the group consisting of an interferon α, erythropoietin or GM-CSF, and a constitutive promoter, in operational and positional relationship to express said exogenous nucleic acid sequence.

2. A method for producing a transgenic chicken, which method comprises:

a) providing a retroviral vector that comprises a protein coding sequence and a constitutive promoter operably linked to said coding sequence, where said promoter drives expression of the coding sequence in the tubular gland cells of a chicken oviduct;

b) introducing said vector into chicken stage X embryonic cells;

c) nurturing growth of a mature chimeric chicken from said cells;

d) mating said chimeric chicken, either naturally or via artificial insemination, with a host wild type chicken;

e) screening the progeny of step d) for germ line expression of the protein coding sequence.

3. A method for producing an exogenous protein in an egg of a chicken, said protein selected from the group consisting of an interferon α, erythropoietin and GM-CSF, comprising:

a) providing a retroviral vector that comprises a protein coding sequence and a constitutive promoter operably linded to said coding sequence, where said promoter drives expression of the coding sequence in the tubular gland cells of a chicken oviduct;

b) introducing said vector into chicken stage X embryonic cells;

c) nurturing growth of a mature chimeric chicken from said cells;

d) mating said chimeric chicken, either naturally or via artificial insemination with a host wild type chicken;

e) screening the progeny of step d) for germ line expression of the protein coding sequence;

f) mating the transgenic progeny with wild type chicken to produce eggs containing the exogenous protein.

4. The method of claim 3 further comprising extracting the exogenous protein from the egg.